

Case 241 : Narrative

| | |
|--|--------------------------------|
| Case Vehicle (A): 1999 Subaru | Vehicle (B): 1987 Ford |
| Type: Legacy Outback, 4-door station wagon | Type: Mustang LX, 2-door sedan |
| Driver: 38-year-old female | Driver: 37-year-old female |
| CDC: 11-FDEW-2 | CDC: 01-FDEW-1 |

SITUATION

[1](#) [2](#) On a cloudy day, case vehicle (A) was traveling north at a driver-estimated speed of 40-mph (64 kph) in the northbound lane of a two-lane asphalt/concrete road. The road surface was wet, it was daylight, and the speed limit was 40 mph (64 kph). Vehicle (B) was traveling south at an unknown speed in the southbound lane of the same roadway. [3](#) As case vehicle (A) entered onto a concrete bridge overpass, the driver of vehicle (B) crossed the centerline and began traveling south in the northbound lane. [4](#) The driver of case vehicle (A) applied the brakes and steered to the right, but was unable to avoid being struck in the left front by the front of vehicle (B). Both vehicles were towed due to damage. Both drivers were transported to local area hospitals.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[5](#) The direct damage to case vehicle (A) began at the left-front bumper corner and extended 120 cm across the front, resulting in 74-percent vehicle overlap. [6](#) The maximum crush was 42 cm to the left portion of the front bumper.

[7](#) The direct damage to vehicle (B) began at the left-front bumper corner and extended 150 cm across the entire front. The maximum crush was 27 cm at the right-front bumper corner.

[8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) Using the WinSMASH accident-reconstruction program and c-values measured for both vehicles, the following impact severities were calculated:

| Vehicle | Variable | Calculated Velocity Change - kph (mph) | | |
|------------------|----------|--|--------------|-------------|
| | | Total | Longitudinal | Latitudinal |
| Case Vehicle (A) | delta V | 31 (19) | -27 (-17) | 15 (10) |
| Vehicle (B) | delta V | 31 (19) | -27 (-17) | -16 (-10) |

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[15](#) The front bumper was crushed, the grille was damaged, and the left headlight assembly was broken. [16](#) The right headlight assembly was displaced, but not broken. [17](#) The hood was crushed and pushed up and to the rear, the damaged hood latch had jammed, and the rear edge of the hood was elevated. [18](#) Both hood hinges were deformed, but not separated from the vehicle. The lower portion of the left side of the windshield was cracked due to cowl deformation.

[19](#) [20](#) On the left side, the fender was severely crushed, the left-front wheel was damaged, and the left wheelbase was reduced 5 cm. [21](#) There was no damage to the upper or lower portions of the left A-, B-, C-, or D-pillars, and both doors were undamaged and operable. [22](#) There was no other damage to the left side of case vehicle (A).

[23](#) [24](#) On the right side, the front fender was deformed. [25](#) There was no other damage to the right side and no change in the right wheelbase.

[26](#) There was no damage to the rear of case vehicle (A).

Interior

[27](#) [28](#) This vehicle is equipped with steering-wheel and passenger frontal-impact airbags, which deployed during the frontal impact. There was no damage to the steering-wheel airbag, although there were facial makeup transfers on the upper-right quadrant from contact by the driver. [29](#) [30](#) There was no damage to the steering-wheel rim and no rotation of the steering column. [31](#) [32](#) [33](#) There was no damage to the upper portion of the instrument panel, center dash area, or glove compartment. [34](#) There were scuff marks on the left portion of the mid instrument panel and the left knee bolster. [35](#) In addition there were scuff marks on the steering column. [36](#) [37](#) [38](#) There was no damage to the left, center, or right portions of the roof area. There was no other interior damage and no intrusions were noted.

OCCUPANT KINEMATICS AND INJURIES

[39](#) The 5-ft, 8-in, 160-lb, 38-year-old female driver was wearing the three-point belt and the steering-wheel airbag deployed. [40](#) [41](#) [42](#) [43](#) Scratches in the plastic D-ring from the shoulder belt, and plastic transfers on the shoulder belt from the D-ring, indicate belt use at the time of the crash. [44](#) The shoulder-belt anchor point was adjusted to a high position on the B-pillar. The driver reportedly had the seat adjusted to a mid seat-track position, and was able to brake and steer slightly to the right before the crash occurred. She was not wearing eyeglasses or contact lenses and reported that she was bracing her hands on the steering wheel.

During the frontal impact, the driver moved forward and slightly to the left relative to the vehicle interior. [45](#) Her face contacted the airbag, as evidenced by facial makeup on the airbag and an abrasion to her chin. She sustained an abrasion and contusion to her left breast, due to shoulder-belt loading. [46](#) [47](#) She also sustained a contusion and abrasion to her left knee from contact with the left portion of the knee bolster, and the lower-portion of the mid instrument panel. [48](#) [49](#) She sustained a contusion and abrasion to her right knee from contact with the right portion of the knee bolster or the bottom of the

steering column. [50](#) [51](#) [52](#) In addition, she sustained a contusion to her right ankle and a fracture to the right medial malleolus from contact with the brake pedal.

The following table [53](#) and attached drawing summarize the injuries for the driver.

| Occupant: Driver | Age: 38 years | Gender: Female | | |
|--|------------------------------|----------------------|---|----------|
| Restraints: 3-point belt worn; airbag deployed | Stature: 173 cm (5 ft, 8 in) | Mass: 72 kg (160 lb) | | |
| Injury Description | A.I.S. | Injury Source | | |
| — | — | Definite | Probable | Possible |
| Abrasion, chin | 1 | Airbag | — | — |
| Abrasion, left breast | 1 | Shoulder belt | — | — |
| Contusion, left breast | 1 | Shoulder belt | — | — |
| Contusion and abrasion, left knee | 1 | — | Knee bolster; mid-portion of the instrument panel | — |
| Contusion and abrasion, right knee | 1 | — | Knee bolster; steering column | — |
| Contusion, right ankle | 1 | Brake pedal | — | — |
| Fracture, right medial malleolus | 2 | Brake pedal | — | — |
| Maximum A.I.S. Level | 2 | — | — | — |
| Injury Severity Score | 5 | — | — | — |

CASE NO.: 241-01

CASE VEHICLE: 1999 Subaru

TYPE: Legacy Outback, 4-door station wagon

OCCUPANT: (Driver) 38-year-old female

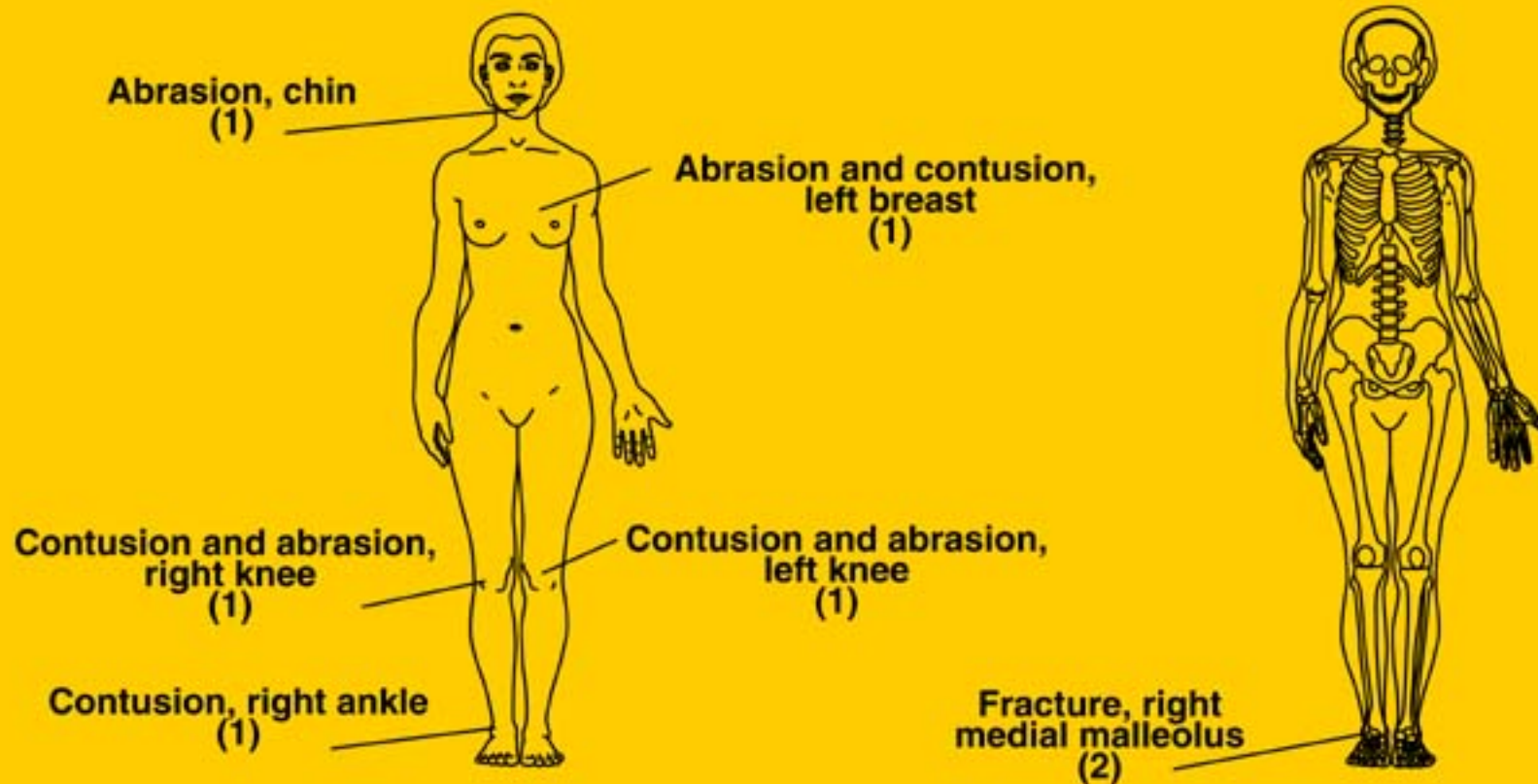
STATURE: 173 cm (5 ft, 8 in)

MASS: 72 kg (160 lb)

RESTRAINTS: 3-point belt worn; airbag deployed

SEVERITY: MAIS - 2

ISS - 5



Case No.: **241-01**

Case Veh. (A): **1999 Subaru**

Type: **Legacy Outback, 4-door station wagon**

Driver: **38-year-old female**

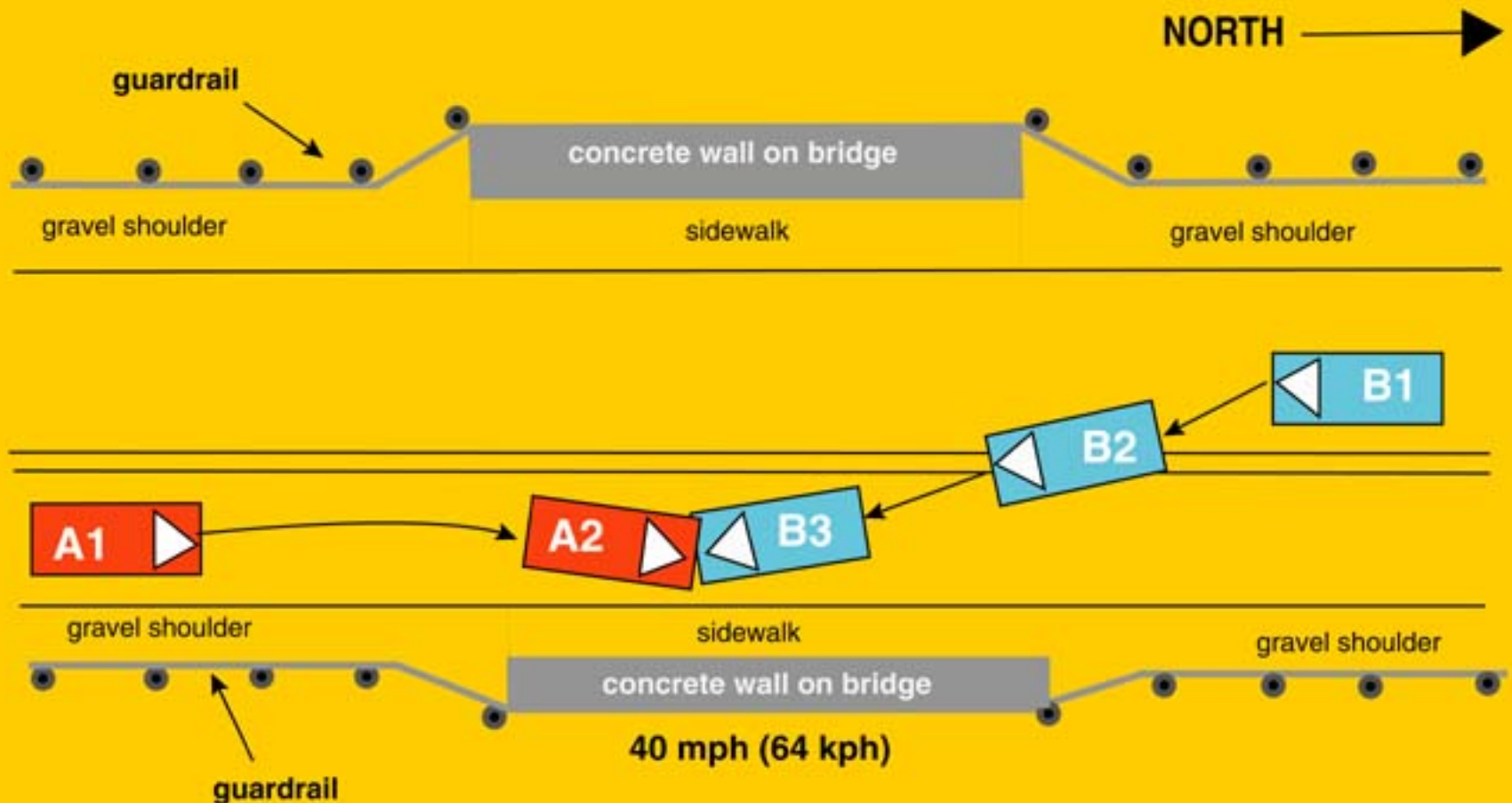
Vehicle (B): **1987 Ford Mustang LX, 2-door sedan**

Weather: **Cloudy**

Road Surface: **Wet**

Road Construction: **Concrete**

Light Condition: **Daylight**



Vehicle Report

General

Conditions

| Variable Number and Name | Code Value | Code Description | Other Options |
|--|------------|----------------------|----------------------|
| V206 — Urban/Rural Area | 1 | Urban | more |
| V207 — Limited Access Highway | 0 | No | more |
| V208 — Road Total Lanes | 2 | 2 lanes | more |
| V209 — Intersecting Road Total Lanes | 8 | Not applicable | more |
| V210 — Road Surface Type | 2 | Concrete | more |
| V211 — Road Defects | 0 | No | more |
| V212 — Construction Zone | 0 | No | more |
| V213 — Road Alignment Vertical Plane | 1 | Level | more |
| V214 — Road Alignment Horizontal Plane | 1 | Straight | more |
| V215 — Surface Covering | 22 | Water - wet | more |
| V216 — Visibility Limitation | 0 | None | more |
| V217 — Visibility Obstruction | 0 | None | more |
| V218 — Speed Limit | 3 | 61-70 km/h .. 40 mph | more |
| V219 — Precipitation Type | 0 | None | more |
| V220 — Precipitation Rate | 8 | Not applicable | more |
| V221 — Temperature | 9 | Unknown | more |
| V222 — Crosswind | 9 | Unknown | more |
| V223 — Light Conditions | 1 | Daylight | more |
| V224 — Mechanical Malfunction Mention | 0 | No | more |
| V225 — Case Vehicle and Object | 0 | No | more |
| V226 — Case Vehicle Rollover | 0 | No | more |

| | | | |
|---|----|---------------------------|----------------------|
| V227 — Case Vehicle Ran Off Roadway | 0 | No | more |
| V228 — Moving Case Vehicle/Contacted Moving Vehicle | 1 | Yes | more |
| V229 — Case Vehicle/Contacted Stopped Vehicle | 0 | No | more |
| V230 — Stopped Case Vehicle/Contactd Vehicle | 0 | No | more |
| V231 — Total Vehicles Hit By Case Vehicle | 1 | 1 vehicle | more |
| V232 — Any Fire in Crash | 0 | No | more |
| V233 — Max Police Severity-PAR | 3 | A - Incapacitating Injury | more |
| V234 — Driver Alcohol Involvement | 0 | Had not been drinking | more |
| V235 — Driver Alcohol BAC | 80 | Not tested | more |
| V236 — Driver Impairment Mention | 0 | No | more |
| V237 — Driven/Towed From Scene | 2 | Towed Due to Damage | more |

Other Vehicle

| Variable Number and Name | Code Value | Code Description | Other Options |
|---|--------------|---------------------------|----------------------|
| V301 — Other Vehicle VIN | 1FABP40E9HF1 | — | — |
| V302 — Other Vehicle Manufacturer/Body Code | 12127 | — | — |
| V303 — Other Vehicle Manufacturer | 121 | Ford | more |
| V304 — Other Vehicle Body Code | 27 | Compact 100-104.9 in. wb. | more |
| V305 — Other Vehicle Make/Model | 0244 | Mustang, Mustang II | more |
| V306 — Other Vehicle Model Year | 1987 | — | — |
| V307 — Other Vehicle Mass | 001397 kg | — | — |
| V308 — Other Vehicle Number | 0 | No separate report | more |
| V309 — Other Vehicle Number of Occupants | 01 | — | — |
| V310 — Other Vehicle Traveling Speed | 999 | Unknown | more |
| V311 — Highest Police Injury Severity | 3 | A - Incapacitating Injury | more |
| V312 — Other Vehicle Type | 27 | Compact 100-104.9 in. wb. | more |
| V313 — Other Vehicle Wheelbase (cm) | 255 cm | — | — |
| V314 — Average Track Width | 145 cm | — | — |
| V315 — Overall Length | 456 cm | — | — |
| V316 — Overall Width (OAW) | 178 cm | — | — |
| V317 — Front Overhang (FOH) | 102 cm | — | — |
| V318 — Rear Overhang (ROH) | 099 cm | — | — |
| V319 — Undeformed End Width (UEW) | 150 cm | — | — |
| V320 — Engine Displacement | 5.0 l | — | — |
| V321 — Engine: Number of Cylinders | 08 | — | — |
| V322 — Direct Damage Length (DDL) | 150 cm | — | — |
| V323 — Front-End Overlap % (FEO) | 98 | 98% or more | more |
| V324 — Vehicle Overlap % (VOL) | 98 | 98% or more | more |

Case Vehicle

General

| Variable Number and Name | Code Value | Code Description | Other Options |
|---------------------------------------|--------------|-------------------------|----------------------|
| V401 — VIN | 4S3BG685XX76 | — | — |
| V402 — Manufacturer/Body Code | 18627 | — | — |
| V403 — Vehicle Manufacturer | 186 | — | — |
| V404 — Vehicle Body Code | 27 | — | — |
| V405 — Make/Model Code | 2626 | Legacy | more |
| V406 — Model Year | 1999 | — | — |
| V407 — Vehicle Mass | 001417 kg | — | — |
| V408 — Odometer Reading | 053314 miles | — | — |
| V409 — Number of Occupants | 01 | — | — |
| V410 — Traveling Speed | 064 kph | — | — |
| V411 — Body Type | 14 | 4-door sedan | more |
| V412 — Stolen Vehicle | 8 | Not currently collected | more |
| V413 — Body Structure | 2 | Unitized | more |
| V414 — Transmission Type | 1 | Automatic | more |
| V415 — Transmission Lever Location | 2 | Console | more |
| V416 — Steering | 1 | Power | more |
| V417 — Brakes | 1 | Power | more |
| V418 — Brake Type | 3 | Disc - all wheels | more |
| V419 — Brake Anti-lock Device | 2 | Four-wheel | more |
| V420 — Air Conditioning in Vehicle | 8 | Not currently collected | more |
| V421 — Drive Type | 4 | All wheel drive | more |
| V422 — Dual Rear Wheels | 0 | No | more |
| V423 — Original Restraint System Type | 3 | Airbag | more |

| | | | |
|------------------------------------|--------------|-------|----------------------|
| V424 — Equipped With Roll Bar | 0 | No | more |
| V425 — Roof Type | 1 | Solid | more |
| V426 — Wheelbase | 263 cm | — | — |
| V427 — Anti-lacerative Glass | 0 | None | more |
| V428 — Average Track Width | 145 cm | — | — |
| V429 — Overall Length | 464 cm | — | — |
| V430 — Overall Width (OAW) | 172 cm | — | — |
| V431 — Front Overhang | 098 cm | — | — |
| V432 — Rear Overhang | 103 cm | — | — |
| V433 — Undeformed End Width (UEW) | 158 cm | — | — |
| V434 — Engine Displacement | 2.5 <i>l</i> | — | — |
| V435 — Engine: Number of Cylinders | 04 | — | — |
| V436 — Direct Damage Length (DDL) | 120 cm | — | — |
| V437 — Front End Overlap % (FEO) | 76 | — | — |
| V438 — Vehicle Overlap % (VOL) | 74 | — | — |

Case Vehicle

Damage

Description

| Variable Number and Name | Code Value | Code Description | Other Options |
|--|------------|--|----------------------|
| V501 — Maximum Crush - Front | 042 cm | — | — |
| V502 — Maximum Crush - Right Side | 000 cm | No crush (or less than 1 cm.) | more |
| V503 — Maximum Crush - Rear | 000 cm | No crush (or less than 1 cm.) | more |
| V504 — Maximum Crush - Left Side | 000 cm | No crush (or less than 1 cm.) | more |
| V505 — Maximum Crush - Roof | 000 cm | No crush (or less than 1 cm.) | more |
| V506 — Maximum Crush - Other | 000 cm | No crush (or less than 1 cm.) | more |
| V507 — Are Events In Chronological Order | 1 | Yes | more |
| V508 — Event 1 Impact Location | 1 | On Roadway | more |
| V509 — Event 1 Impact Configuration | 11 | FRONT of case veh - FRONT of contacted Vehicle | more |
| V510 — Event 1 Object/Vehicle Contacted | 27 | Compact 100-104.9 in. wb. | more |
| V511 — Event 2 Impact Location | 8 | No 2nd event | more |
| V512 — Event 2 Impact Configuration | 88 | No 2nd event | more |
| V513 — Event 2 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V514 — Event 3 Impact Location | 8 | No 3rd event | more |
| V515 — Event 3 Impact Configuration | 88 | No 3rd event | more |
| V516 — Event 3 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V517 — Event 4 Impact Location | 8 | No 4th event | more |
| V518 — Event 4 Impact Configuration | 88 | No 4th event | more |

| | | | |
|--|---------|--------------------------------|----------------------|
| V519 — Event 4 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V520 — Event 5 Impact Location | 8 | No 5th event | more |
| V521 — Event 5 Impact Configuration | 88 | No 5th event | more |
| V522 — Event 5 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V523 — Event 6 Impact Location | 8 | No 6th event | more |
| V524 — Event 6 Impact Configuration | 88 | No 6th event | more |
| V525 — Event 6 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V526 — Event 7 Impact On Road | 8 | No 7th event | more |
| V527 — Event 7 Impact Configuration | 88 | No 7th event | more |
| V528 — Event 7 Object/Vehicle Contacted | 00 | No object/vehicle contacted | more |
| V529 — Primary CDC Case Vehicle -event Number | 1 | Event 1 | more |
| V530 — Primary CDC Case Vehicle - impact speed | 999 | Unknown | more |
| V531 — Primary CDC Case Vehicle - Estimated By | 1 | Investigator | more |
| V532 — Primary CDC Case Vehicle -crush | 042 | — | — |
| V533 — Primary CDC Case Vehicle -clock #1 | 11 | 11 o'clock | more |
| V534 — Primary CDC Case Vehicle letter 1 #1 | 06 | F - Front | more |
| V535 — Primary CDC Case Vehicle letter 2 #1 | 04 | D - Distributed (Side or End) | more |
| V536 — Primary CDC Case Vehicle letter 3 #1 | 05 | E - Everything below belt line | more |
| V537 — Primary CDC Case Vehicle letter 4 #1 | 23 | W - Wide impact area | more |
| V538 — Primary CDC Case Vehicle Extent #1 | 02 | Extent 2 | more |
| V539 — Primary CDC Case Vehicle -CDC #1 | 11FDEW2 | — | — |

| | | | |
|--|---------|---|----------------------|
| V541 — Primary CDC Case Vehicle letter 1 #2 | 00 | Missing Data/Not applicable | more |
| V542 — Primary CDC Case Vehicle letter 2 #2 | 00 | Missing Data/Not applicable | more |
| V543 — Primary CDC Case Vehicle letter 3 #2 | 00 | Missing Data/Not applicable | more |
| V544 — Primary CDC Case Vehicle letter 4 #2 | 00 | Missing Data/Not applicable | more |
| V545 — Primary CDC Case Vehicle Extent #2 | 00 | Missing Data/Not applicable | more |
| V546 — Primary CDC Case Vehicle -CDC #2 | 9800000 | — | — |
| V547 — Primary CDC Contacted Vehicle - Impact Speed | 999 | Unknown | more |
| V548 — Primary CDC Contacted Vehicle - Estimated By | 1 | Investigator | more |
| V549 — Primary CDC Contacted Vehicle -crush | 027 | — | — |
| V550 — Primary CDC Contacted Vehicle -clock #1 | 01 | 1 o'clock | more |
| V551 — Primary CDC Contacted Vehicle letter 1 #1 | 06 | F - Front | more |
| V552 — Primary CDC Contacted Vehicle letter 2 #1 | 04 | D - Distributed (Side or End) or (F + P + B) | more |
| V553 — Primary CDC Contacted Vehicle letter 3 #1 | 05 | E - Everything below belt line | more |
| V554 — Primary CDC Contacted Vehicle letter 4 #1 | 23 | W - Wide impact area | more |
| V555 — Primary CDC Contacted Vehicle Extent #1 | 01 | Extent 1 | more |
| V556 — Primary CDC Contacted Vehicle -CDC #1 | 01FDEW1 | — | — |
| V558 — Primary CDC Contacted Vehicle letter 1 #2 | 00 | Missing Data/Not applicable | more |
| V559 — Primary CDC Contacted Vehicle letter 2 #2 | 00 | Missing Data/Not applicable | more |
| V560 — Primary CDC Contacted Vehicle letter 3 #2 | 00 | Missing Data/Not applicable | more |
| V561 — Primary CDC Contacted Vehicle letter 4 #2 | 00 | Missing Data/Not applicable | more |

| | | | |
|---|---------|---------------------------------------|----------------------|
| V562 — Primary CDC Contacted Vehicle Extent #2 | 00 | Missing Data/Not applicable | more |
| V563 — Primary CDC Contacted Vehicle -CDC #2 | 9800000 | — | — |
| V564 — Secondary CDC Case Vehicle - Event No | 8 | Not applicable | more |
| V565 — Secondary CDC Case Vehicle - Impact Speed | 998 | Not Applicable | more |
| V566 — Secondary CDC Case Vehicle - Estimated By | 8 | Not applicable (no vehicle/no impact) | more |
| V567 — Secondary CDC Case Vehicle -crush | 998 | Not Applicable | more |
| V568 — Secondary CDC Case Vehicle -clock #1 | 98 | Not Applicable | more |
| V569 — Secondary CDC Case Vehicle letter 1 #1 | 00 | Missing Data/Not applicable | more |
| V570 — Secondary CDC Case Vehicle letter 2 #1 | 00 | Missing Data/Not applicable | more |
| V571 — Secondary CDC Case Vehicle letter 3 #1 | 00 | Missing Data/Not applicable | more |
| V572 — Secondary CDC Case Vehicle letter 4 #1 | 00 | Missing Data/Not applicable | more |
| V573 — Secondary CDC Case Vehicle Extent #1 | 00 | Missing Data/Not applicable | more |
| V574 — Secondary CDC Case Vehicle -CDC #1 | 9800000 | — | — |
| V576 — Secondary CDC Case Vehicle letter 1 #2 | 00 | Missing Data/Not applicable | more |
| V577 — Secondary CDC Case Vehicle letter 2 #2 | 00 | Missing Data/Not applicable | more |
| V578 — Secondary CDC Case Vehicle letter 3 #2 | 00 | Missing Data/Not applicable | more |
| V579 — Secondary CDC Case Vehicle letter 4 #2 | 00 | Missing Data/Not applicable | more |
| V580 — Secondary CDC Case Vehicle Extent #2 | 00 | Missing Data/Not applicable | more |
| V581 — Secondary CDC Case Vehicle -CDC #2 | 9800000 | — | — |
| V582 — Secondary CDC Contacted Vehicle - Impact Speed | 998 | Not Applicable | more |

| | | | |
|--|---------|---------------------------------------|----------------------|
| V583 — Secondary CDC Contacted Vehicle - Estimated By | 8 | Not applicable (no vehicle/no impact) | more |
| V584 — Secondary CDC Contacted Vehicle -crush | 998 | Not Applicable | more |
| V585 — Secondary CDC Contacted Vehicle -clock #1 | 98 | Not Applicable | more |
| V586 — Secondary CDC Contacted Vehicle letter 1 #1 | 00 | Missing Data/Not applicable | more |
| V587 — Secondary CDC Contacted Vehicle letter 2 #1 | 00 | Missing Data/Not applicable | more |
| V588 — Secondary CDC Contacted Vehicle letter 3 #1 | 00 | Missing Data/Not applicable | more |
| V589 — Secondary CDC Contacted Vehicle letter 4 #1 | 00 | Missing Data/Not applicable | more |
| V590 — Secondary CDC Contacted Vehicle Extent #1 | 00 | Missing Data/Not applicable | more |
| V591 — Secondary CDC Contacted Vehicle -CDC #1 | 9800000 | — | — |
| V593 — Secondary CDC Contacted Vehicle letter 1 #2 | 00 | Missing Data/Not applicable | more |
| V594 — Secondary CDC Contacted Vehicle letter 2 #2 | 00 | Missing Data/Not applicable | more |
| V595 — Secondary CDC Contacted Vehicle letter 3 #2 | 00 | Missing Data/Not applicable | more |
| V596 — Secondary CDC Contacted Vehicle letter 4 #2 | 00 | Missing Data/Not applicable | more |
| V597 — Secondary CDC Contacted Vehicle Extent #2 | 00 | Missing Data/Not applicable | more |
| V598 — Secondary CDC Contacted Vehicle -CDC #2 | 9800000 | — | — |

Crash Severity

| Variable Number and Name | Code Value | Code Description | Other Options |
|---|------------|--|----------------------|
| V601 — Case Vehicle Primary Impact Number | 1 | — | — |
| V602 — Primary Impact Total Delta-V | 031 kph | — | — |
| V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V | -027 kph | — | — |
| V604 — Primary Case Vehicle Reconstructed Lateral Delta-V | 0015 kph | — | — |
| V605 — Primary Case Vehicle Reconstructed Crush Energy | 0091 kJ | — | — |
| V606 — Primary Impact Case Vehicle - reconstruction | 22 | Reconstructed, moderate confidence level | more |
| V607 — Primary Case Vehicle Reconstruction Mode | 2 | CDC & detailed damage | more |
| V608 — Primary Contacted Vehicle Reconstructed Total Delta-V | 031 kph | — | — |
| V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V | -027 kph | — | — |
| V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V | -016 kph | — | — |
| V611 — Primary Contacted Vehicle Reconstructed Crush Energy | 0071 kJ | — | — |
| V612 — Case Vehicle Secondary Impact Number | 8 | — | — |
| V613 — Secondary Case Vehicle Reconstructed Total Delta-V | 888 | N/A | more |
| V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V | 8888 | — | — |
| V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V | 8888 | — | — |
| V616 — Secondary Case Vehicle Reconstructed Crush Energy | 8888 | — | — |
| V617 — Secondary Case Vehicle Reconstruction Note | 88 | — | — |
| V618 — Secondary Case Vehicle | 8 | Not applicable | more |

| | | | |
|--|----------|---|----------------------|
| Reconstruction Mode | | | |
| V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V | 888 | N/A | more |
| V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V | 8888 | — | — |
| V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V | 8888 | — | — |
| V622 — Secondary Contacted Vehicle Reconstructed Crush Energy | 8888 | — | — |
| V623 — Case Vehicle Primary Impact Number | 1 | — | — |
| V624 — Primary Case Vehicle Reconstructed Total EBS | 045 kph | — | — |
| V625 — Primary Case Vehicle Reconstructed Longitudinal EBS | -039 kph | — | — |
| V626 — Primary Case Vehicle Reconstructed Lateral EBS | 0023 kph | — | — |
| V627 — Primary Case Vehicle Reconstructed Crush Energy | 0091 kJ | — | — |
| V628 — Primary Case Vehicle Reconstruction Note | 22 | Reconstructed, moderate confidence level | more |
| V629 — Primary Case Vehicle Reconstruction Mode | 2 | CDC & detailed damage | more |
| V630 — Primary Contacted Vehicle Reconstruction Total EBS | 031 kph | — | — |
| V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS | -027 kph | — | — |
| V632 — Primary Contacted Vehicle Reconstruction Lateral EBS | -016 kph | — | — |
| V633 — Primary Contacted Vehicle Reconstruction Crush Energy | 0071 kJ | — | — |
| V634 — Case Vehicle Secondary Impact Number | 8 | Not applicable | more |
| V635 — Secondary Case Vehicle Reconstruction Total EBS | 888 | N/A | more |
| V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS | 8888 | — | — |
| V637 — Secondary Case Vehicle Reconstruction Lateral EBS | 8888 | — | — |

| | | | |
|--|---------|----------------|----------------------|
| V638 — Secondary Case Vehicle Reconstruction Crush Energy | 8888 | — | — |
| V639 — Secondary Case Vehicle Reconstruction Note | 88 | — | — |
| V640 — Secondary Case Vehicle Reconstruction Mode | 8 | Not applicable | more |
| V641 — Secondary Contacted Vehicle Reconstruction Total EBS | 888 | N/A | more |
| V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS | 8888 | — | — |
| V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS | 8888 | — | — |
| V644 — Secondary Contacted Vehicle Reconstruction Crush Energy | 8888 | — | — |
| V645 — Case Vehicle Reconstructed Impact Number | 1 | — | — |
| V646 — Case Vehicle Impact 1 Plane | 1 | Bumper | more |
| V647 — Case Vehicle Impact 1 Direct Damage Length [DDL] | 120 cm | — | — |
| V648 — Case Vehicle Impact 1 Max Crush | 042 cm | — | — |
| V649 — Case Vehicle Impact 1 Field-L | 120 cm | — | — |
| V650 — Case Vehicle Impact 1 C1 | 041 cm | — | — |
| V651 — Case Vehicle Impact 1 C2 | 040 cm | — | — |
| V652 — Case Vehicle Impact 1 C3 | 042 cm | — | — |
| V653 — Case Vehicle Impact 1 C4 | 039 cm | — | — |
| V654 — Case Vehicle Impact 1 C5 | 023 cm | — | — |
| V655 — Case Vehicle Impact 1 C6 | 005 cm | — | — |
| V656 — Case Vehicle Impact 1 +/- D | -019 cm | — | — |
| V657 — Case Vehicle Reconstructed Impact Number | 1 | — | — |
| V658 — Case Vehicle Impact 2 Plane | 1 | Bumper | more |
| V659 — Case Vehicle Impact 2 Direct Damage Length [DDL] | 150 cm | — | — |
| V660 — Case Vehicle Impact 2 Max Crush | 027 cm | — | — |

| | | | |
|--|---------|----------------|----------------------|
| V661 — Case Vehicle Impact 2 Field-L | 148 cm | — | — |
| V662 — Case Vehicle Impact 2 C1 | 020 cm | — | — |
| V663 — Case Vehicle Impact 2 C2 | 021 cm | — | — |
| V664 — Case Vehicle Impact 2 C3 | 023 cm | — | — |
| V665 — Case Vehicle Impact 2 C4 | 024 cm | — | — |
| V666 — Case Vehicle Impact 2 C5 | 026 cm | — | — |
| V667 — Case Vehicle Impact 2 C6 | 027 cm | — | — |
| V668 — Case Vehicle Impact 2 +/- D | 0000 cm | — | — |
| V669 — Other Vehicle Reconstructed Impact Number | 2 | — | — |
| V670 — Other Vehicle Impact 1 Plane | 8 | Not applicable | more |
| V671 — Other Vehicle Impact 1 Direct Damage Length [DDL] | 998 | Not applicable | more |
| V672 — Other Vehicle Impact 1 Max Crush | 998 | Not applicable | more |
| V673 — Other Vehicle Impact 1 Field-L | 998 | Not applicable | more |
| V674 — Other Vehicle Impact 1 C1 | 998 | Not applicable | more |
| V675 — Other Vehicle Impact 1 C2 | 998 | Not applicable | more |
| V676 — Other Vehicle Impact 1 C3 | 998 | Not applicable | more |
| V677 — Other Vehicle Impact 1 C4 | 998 | Not applicable | more |
| V678 — Other Vehicle Impact 1 C5 | 998 | Not applicable | more |
| V679 — Other Vehicle Impact 1 C6 | 998 | Not applicable | more |
| V680 — Other Vehicle Impact 1 +/- D | 9998 | — | — |
| V681 — Other Vehicle Reconstructed Impact Number | 2 | — | — |
| V682 — Other Vehicle Impact 2 Plane | 8 | Not applicable | more |
| V683 — Other Vehicle Impact 2 Direct Damage Length [DDL] | 998 | Not applicable | more |
| V684 — Other Vehicle Impact 2 Max Crush | 998 | Not applicable | more |
| V685 — Other Vehicle Impact 2 Field-L | 998 | Not applicable | more |

| | | | |
|-------------------------------------|------|----------------|----------------------|
| V686 — Other Vehicle Impact 2 C1 | 998 | Not applicable | more |
| V687 — Other Vehicle Impact 2 C2 | 998 | Not applicable | more |
| V688 — Other Vehicle Impact 2 C3 | 998 | Not applicable | more |
| V689 — Other Vehicle Impact 2 C4 | 998 | Not applicable | more |
| V690 — Other Vehicle Impact 2 C5 | 998 | Not applicable | more |
| V691 — Other Vehicle Impact 2 C6 | 998 | Not applicable | more |
| V692 — Other Vehicle Impact 2 +/- D | 9998 | — | — |

Case Vehicle

Tires & Rims

| Variable Number and Name | Code Value | Code Description | Other Options |
|---|------------|------------------|----------------------|
| V701 — Left Front Wheel Damaged | 1 | Yes | more |
| V702 — Right Front Wheel Damaged | 0 | No | more |
| V703 — Right Rear Wheel Damaged | 0 | No | more |
| V704 — Left Rear Wheel Damaged | 0 | No | more |
| V705 — Left Front Tire Tread Type | 4 | All Weather | more |
| V706 — Right Front Tire Tread Type | 4 | All Weather | more |
| V707 — Right Rear Tire Tread Type | 4 | All Weather | more |
| V708 — Left Rear Tire Tread Type | 4 | All Weather | more |
| V709 — Left Front Carcass Construction | 3 | Radial | more |
| V710 — Right Front Carcass Construction | 3 | Radial | more |
| V711 — Right Rear Carcass Construction | 3 | Radial | more |
| V712 — Left Rear Carcass Construction | 3 | Radial | more |
| V717 — Left Front Tire Size | P20570R15 | — | — |
| V718 — Right Front Tire Size | P20570R15 | — | — |
| V719 — Right Rear Tire Size | P20570R15 | — | — |
| V720 — Left Rear Tire Size | P20570R15 | — | — |

Case Vehicle

Fuel, Tank, Fire

| Variable Number and Name | Code Value | Code Description | Other Options |
|------------------------------------|------------|---|----------------------|
| V801 — Propulsive Fuel Type | 1 | Gasoline | more |
| V802 — Main Tank Location | 322 | Within frame/centered laterally - within vertically | more |
| V803 — Main Filler Cap Location | 133 | — | — |
| V804 — Main Tank Material | 9 | Unknown | more |
| V805 — Aux Tank Type | 8 | Not applicable (not equipped) | more |
| V806 — Aux Tank Location | 888 | Not applicable (not equipped) | more |
| V807 — Aux Filler Cap Location | 888 | Not applicable (not equipped) | more |
| V808 — Aux Tank Material | 8 | Not applicable | more |
| V901 — Fuel Leakage From Crash | 0 | No | more |
| V1001 — Fire In Or On Case Vehicle | 0 | No | more |

Case Vehicle

Exterior

| Variable Number and Name | Code Value | Code Description | Other Options |
|---|------------|---------------------|----------------------|
| V1101 — Hood Latch Released | 0 | No | more |
| V1102 — Hood Latch Damaged | 1 | Yes | more |
| V1103 — Hood Latch Jammed | 1 | Yes | more |
| V1104 — Left Hood Hinge Damaged | 1 | Yes | more |
| V1105 — Left Hood Hinge Separated | 0 | No | more |
| V1106 — Right Hood Hinge Damaged | 1 | Yes | more |
| V1107 — Right Hood Hinge Separated | 0 | No | more |
| V1108 — Hood Remained On Vehicle | 1 | Yes | more |
| V1109 — Rear Hood Edge Elevated | 1 | Yes | more |
| V1110 — Edge Contacted Windshield | 0 | No | more |
| V1111 — Edge Penetrated Windshield | 8 | Not applicable | more |
| V1112 — Hood Latch Location | 1 | Front of Vehicle | more |
| V1113 — Eng/Transmissn Mount Separation | 0 | No | more |
| V1114 — Steerng Column Flex Coupling | 9 | Unknown if equipped | more |
| V1115 — Steerng Column Coupling Damaged | 9 | Unknown | more |
| V1116 — Steerng Column Coupling Separated | 9 | Unknown | more |
| V1117 — Eng Comp Telescopng Unit | 88 | Not collected | more |
| V1118 — Comp Orig/Telescopd Diff | 888 | Not collected | more |

| | | | |
|--|---|---------------------------|----------------------|
| V1119 — Left Side Body Mount Separation | 8 | Not applicable (unitized) | more |
| V1120 — Upper Left A-pillar Separation | 0 | No | more |
| V1121 — Lower Left A-pillar Separation | 0 | No | more |
| V1122 — Upper Left B-pillar Separation | 0 | No | more |
| V1123 — Lower Left B-pillar Separation | 0 | No | more |
| V1124 — Upper Left C-pillar Separation | 0 | No | more |
| V1125 — Lower Left C-pillar Separation | 0 | No | more |
| V1126 — Upper Left D-pillar Separation | 0 | No | more |
| V1127 — Lower Left D-pillar Separation | 0 | No | more |
| V1128 — Left Front Door Opening Cause | 0 | Door did not open | more |
| V1129 — Left Rear Door Opening Cause | 0 | Door did not open | more |
| V1130 — Left Front Door Jammed Closed | 0 | No | more |
| V1131 — Left Rear Door Jammed Closed | 0 | No | more |
| V1132 — Rear Door Type | 2 | One-way tailgate | more |
| V1133 — Rear Door Opening Cause | 0 | Door did not open | more |
| V1134 — Rear Door Jammed Closed | 0 | No | more |
| V1135 — Luggage Partition Damagd | 8 | Not applicable | more |
| V1136 — Spare Tire Status | 8 | Not collected | more |
| V1137 — Trailer Hitch Type | 0 | No hitch | more |
| V1138 — Trailer Type | 0 | No trailer | more |
| V1139 — Right Side Body Mount Separation | 8 | Not applicable (unitized) | more |

| | | | |
|--|----|----------------------------|----------------------|
| V1140 — Upper Right A-pillar Separation | 0 | No | more |
| V1141 — Lower Right A-pillar Separation | 0 | No | more |
| V1142 — Upper Right B-pillar Separation | 0 | No | more |
| V1143 — Lower Right B-pillar Separation | 0 | No | more |
| V1144 — Upper Right C-pillar Separation | 0 | No | more |
| V1145 — Lower Right C-pillar Separation | 0 | No | more |
| V1146 — Upper Right D-pillar Separation | 0 | No | more |
| V1147 — Lower Right D-pillar Separation | 0 | No | more |
| V1148 — Right Front Door Opening Cause | 00 | Door did not open | more |
| V1149 — Right Rear Door Opening Cause | 00 | Door did not open | more |
| V1150 — Right Front Door Jammed Closed | 0 | No | more |
| V1151 — Right Rear Door Jammed Closed | 0 | No | more |
| V1152 — Van Rear Door Type | 8 | Not applicable (not a van) | more |
| V1153 — Windshield Cracked | | Yes | more |
| V1154 — Windshield Broken | 0 | No | more |
| V1155 — Windshield Cracked or Broken by Occupant | 0 | No | more |
| V1156 — Bond Separation Extent | 0 | None | more |
| V1157 — Windshield Code | | — | — |
| V1158 — Did Sun/T Roof Open | 8 | Not Applicable | more |

Case Vehicle

Steering

Column/Rim

| Variable Number and Name | Code Value | Code Description | Other Options |
|---|------------|----------------------|----------------------|
| V1201 — Steering Wheel Rim Damage | 0 | None | more |
| V1202 — Number of Steering Wheel Spokes | 4 | 4 spokes | more |
| V1203 — Steering Wheel Spoke Damage | 0 | None | more |
| V1204 — Column Tilt Feature | 3 | Middle | more |
| V1205 — Column Swing-away Feature | 0 | Not equipped | more |
| V1206 — Column Telescoping Feature | 0 | Not equipped | more |
| V1207 — Wheel Energy Absorb Device | 8 | Not collected | more |
| V1208 — Wheel Ea Orig/Damaged Diff | 888 | Not collected | more |
| V1209 — Column Energy Absorb Device | 88 | Not collected | more |
| V1210 — Column Ea Orig/Comprss Diff | 888 | Not collected | more |
| V1211 — Shear Capsule Separation | 888 | Not collected | more |
| V1212 — Column Vertical Rotation | 0 | No apparent rotation | more |
| V1213 — Column Lateral Rotation | 0 | No apparent rotation | more |
| V1214 — Steering Wheel Hub Damage | 0 | None | more |

Case Vehicle

Intrusion

| Variable Number and Name | Code Value | Code Description | Other Options |
|--|------------|---|----------------------|
| V1301 — Occupant Compartment Intrusion | 0 | No | more |
| V1302 — Was Intrusion Catastrophic | 8 | Not applicable | more |
| V1303 — Intrusion Number 01 | 00 | No Intrusion, None | more |
| V1304 — Intrusion 01 Occupant Space Number | 00 | No Intrusion, None | more |
| V1305 — Intrusion 01 Intruding Object | 00 | No Intrusion, None | more |
| V1306 — Intrusion 01 Assoc Event Number | 0 | No Intrusion, None | more |
| V1307 — Intrusion 01 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1308 — Intrusion 01 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1309 — Intrusion 01 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1310 — Intrusion 01 Occupant Number | 00 | No contact or no intrusion | more |
| V1311 — Intrusion 01 Injury Number | 00 | No injury or no intrusion | more |
| V1312 — Intrusion 01 Occupant Number | 00 | No contact or no intrusion | more |
| V1313 — Intrusion 01 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1314 — Intrusion Number 02 | 00 | No Intrusion, None | more |
| V1315 — Intrusion 02 Occupant Space Number | 00 | No Intrusion, None | more |
| V1316 — Intrusion 02 Intruding Object | 00 | No Intrusion, None | more |
| V1317 — Intrusion 02 Assoc Event Number | 0 | No Intrusion, None | more |

| | | | |
|--|-------|---|----------------------|
| V1318 — Intrusion 02 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1319 — Intrusion 02 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1320 — Intrusion 02 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1321 — Intrusion 02 Occupant Number | 00 | No contact or no intrusion | more |
| V1322 — Intrusion 02 Injury Number | 00 | No injury or no intrusion | more |
| V1323 — Intrusion 02 Occupant Number | 00 | No contact or no intrusion | more |
| V1324 — Intrusion 02 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1325 — Intrusion Number 03 | 00 | No Intrusion, None | more |
| V1326 — Intrusion 03 Occupant Space Number | 00 | No Intrusion, None | more |
| V1327 — Intrusion 03 Intruding Object | 00 | No Intrusion, None | more |
| V1328 — Intrusion 03 Assoc Event Number | 0 | No Intrusion, None | more |
| V1329 — Intrusion 03 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1330 — Intrusion 03 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1331 — Intrusion 03 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1332 — Intrusion 03 Occupant Number | 00 | No contact or no intrusion | more |
| V1333 — Intrusion 03 Injury Number | 00 | No injury or no intrusion | more |
| V1334 — Intrusion 03 Occupant Number | 00 | No contact or no intrusion | more |
| V1335 — Intrusion 03 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1336 — Intrusion Number 04 | 00 | No Intrusion, None | more |
| V1337 — Intrusion 04 Occupant Space Number | 00 | No Intrusion, None | more |
| V1338 — Intrusion 04 Intruding | 00 | No Intrusion, None | more |

| | | | |
|--|-------|---|----------------------|
| Object | | | |
| V1339 — Intrusion 04 Assoc Event Number | 0 | No Intrusion, None | more |
| V1340 — Intrusion 04 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1341 — Intrusion 04 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1342 — Intrusion 04 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1343 — Intrusion 04 Occupant Number | 00 | No contact or no intrusion | more |
| V1344 — Intrusion 04 Injury Number | 00 | No injury or no intrusion | more |
| V1345 — Intrusion 04 Occupant Number | 00 | No contact or no intrusion | more |
| V1346 — Intrusion 04 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1347 — Intrusion Number 05 | 00 | No Intrusion, None | more |
| V1348 — Intrusion 05 Occupant Space Number | 00 | No Intrusion, None | more |
| V1349 — Intrusion 05 Intruding Object | 00 | No Intrusion, None | more |
| V1350 — Intrusion 05 Assoc Event Number | 0 | No Intrusion, None | more |
| V1351 — Intrusion 05 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1352 — Intrusion 05 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1353 — Intrusion 05 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1354 — Intrusion 05 Occupant Number | 00 | No contact or no intrusion | more |
| V1355 — Intrusion 05 Injury Number | 00 | No injury or no intrusion | more |
| V1356 — Intrusion 05 Occupant Number | 00 | No contact or no intrusion | more |
| V1357 — Intrusion 05 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1358 — Intrusion Number 06 | 00 | No Intrusion, None | more |

| | | | |
|--|-------|---|----------------------|
| V1359 — Intrusion 06 Occupant Space Number | 00 | No Intrusion, None | more |
| V1360 — Intrusion 06 Intruding Object | 00 | No Intrusion, None | more |
| V1361 — Intrusion 06 Assoc Event Number | 0 | No Intrusion, None | more |
| V1362 — Intrusion 06 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1363 — Intrusion 06 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1364 — Intrusion 06 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1365 — Intrusion 06 Occupant Number | 00 | No contact or no intrusion | more |
| V1366 — Intrusion 06 Injury Number | 00 | No injury or no intrusion | more |
| V1367 — Intrusion 06 Occupant Number | 00 | No contact or no intrusion | more |
| V1368 — Intrusion 06 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1369 — Intrusion Number 07 | 00 | No Intrusion, None | more |
| V1370 — Intrusion 07 Occupant Space Number | 00 | No Intrusion, None | more |
| V1371 — Intrusion 07 Intruding Object | 00 | No Intrusion, None | more |
| V1372 — Intrusion 07 Assoc Event Number | 0 | No Intrusion, None | more |
| V1373 — Intrusion 07 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1374 — Intrusion 07 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1375 — Intrusion 07 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1376 — Intrusion 07 Occupant Number | 00 | No contact or no intrusion | more |
| V1377 — Intrusion 07 Injury Number | 00 | No injury or no intrusion | more |
| V1378 — Intrusion 07 Occupant Number | 00 | No contact or no intrusion | more |

| | | | |
|--|-------|---|----------------------|
| V1379 — Intrusion 07 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1380 — Intrusion Number 08 | 00 | No Intrusion, None | more |
| V1381 — Intrusion 08 Occupant Space Number | 00 | No Intrusion, None | more |
| V1382 — Intrusion 08 Intruding Object | 00 | No Intrusion, None | more |
| V1383 — Intrusion 08 Assoc Event Number | 0 | No Intrusion, None | more |
| V1384 — Intrusion 08 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1385 — Intrusion 08 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1386 — Intrusion 08 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1387 — Intrusion 08 Occupant Number | 00 | No contact or no intrusion | more |
| V1388 — Intrusion 08 Injury Number | 00 | No injury or no intrusion | more |
| V1389 — Intrusion 08 Occupant Number | 00 | No contact or no intrusion | more |
| V1390 — Intrusion 08 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1391 — Intrusion Number 09 | 00 | No Intrusion, None | more |
| V1392 — Intrusion 09 Occupant Space Number | 00 | No Intrusion, None | more |
| V1393 — Intrusion 09 Intruding Object | 00 | No Intrusion, None | more |
| V1394 — Intrusion 09 Assoc Event Number | 0 | No Intrusion, None | more |
| V1395 — Intrusion 09 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1396 — Intrusion 09 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1397 — Intrusion 09 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1398 — Intrusion 09 Occupant Number | 00 | No contact or no intrusion | more |
| V1399 — Intrusion 09 Injury | 00 | No injury or no intrusion | more |

| | | | |
|--|-------|---|----------------------|
| Number | | | |
| V1400 — Intrusion 09 Occupant Number | 00 | No contact or no intrusion | more |
| V1401 — Intrusion 09 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1402 — Intrusion Number 10 | 00 | No Intrusion, None | more |
| V1403 — Intrusion 10 Occupant Space Number | 00 | No Intrusion, None | more |
| V1404 — Intrusion 10 Intruding Object | 00 | No Intrusion, None | more |
| V1405 — Intrusion 10 Assoc Event Number | 0 | No Intrusion, None | more |
| V1406 — Intrusion 10 Max Intrusion X-axis | 00 cm | 0 cm or No Intrusion | more |
| V1407 — Intrusion 10 Max Intrusion Y-axis | 00 cm | 0 cm or No Intrusion | more |
| V1408 — Intrusion 10 Max Intrusion Z-axis | 00 cm | 0 cm or No Intrusion | more |
| V1409 — Intrusion 10 Occupant Number | 00 | No contact or no intrusion | more |
| V1410 — Intrusion 10 Injury Number | 00 | No injury or no intrusion | more |
| V1411 — Intrusion 10 Occupant Number | 00 | No contact or no intrusion | more |
| V1412 — Intrusion 10 Injury Number | 99 | Contact, injury unknown or data not collected | more |
| V1413 — Door Intrusion Number 01 | 88 | Not Applicable | more |
| V1414 — Door Intrusion Number 01 Cause | 8 | Not applicable | more |
| V1415 — Door Intrusion Number 02 | 88 | Not Applicable | more |
| V1416 — Door Intrusion Number 02 Cause | 8 | Not applicable | more |
| V1417 — Door Intrusion Number 03 | 88 | Not Applicable | more |
| V1418 — Door Intrusion Number 03 Cause | 8 | Not applicable | more |
| V1419 — Door Intrusion 01 | 88 | Not Applicable | more |

| | | | |
|--|----|----------------|----------------------|
| Component | | | |
| V1420 — Door Intrusion 01 Component Damaged 1 | 8 | Not Applicable | more |
| V1421 — Door Intrusion 01 Component Damaged 2 | 8 | Not Applicable | more |
| V1422 — Door Intrusion 02 Component | 88 | Not Applicable | more |
| V1423 — Door Intrusion 02 Component Damaged 1 | 8 | Not Applicable | more |
| V1424 — Door Intrusion 02 Component Damaged 2 | 8 | Not Applicable | more |
| V1425 — Door Intrusion 03 Component | 88 | Not Applicable | more |
| V1426 — Door Intrusion 03 Component Damaged 1 | 8 | Not Applicable | more |
| V1427 — Door Intrusion 03 Component Damaged 2 | 8 | Not Applicable | more |
| V1428 — Door Intrusion 04 Component | 88 | Not Applicable | more |
| V1429 — Door Intrusion 04 Component Damaged 1 | 8 | Not Applicable | more |
| V1430 — Door Intrusion 04 Component Damaged 2 | 8 | Not Applicable | more |

Case Vehicle

Airbag(s)

| Variable Number and Name | Code Value | Code Description | Other Options |
|--|------------|------------------|----------------------|
| V1501 — Driver Airbag Equipped | 1 | Yes | more |
| V1502 — Driver Airbag Deployed | 1 | Yes | more |
| V1503 — Driver Airbag Condition | 0 | No Damage | more |
| V1504 — Passenger Airbag Equip | 1 | Yes | more |
| V1505 — Passenger Airbag Deployed | 1 | Yes | more |
| V1506 — Passenger Airbag Condition | 0 | No Damage | more |
| V1507 — Steering Wheel Airbag Tether | 1 | Yes | more |
| V1508 — Driver Airbag Marked By Contact | 1 | Yes | more |
| V1509 — Passenger Airbag Tether | 0 | No | more |
| V1510 — Passenger Airbag Marked By Contact | 0 | No | more |

Case Vehicle

Interior

| Variable Number and Name | Code Value | Code Description | Other Options |
|--------------------------------------|------------|------------------|----------------------|
| V1601 — Left Front Door Damaged | 0 | No | more |
| V1602 — Right Front Door Damaged | 0 | No | more |
| V1603 — Left Front Hardware Damaged | 0 | No | more |
| V1604 — Right Front Hardware Damaged | 0 | No | more |
| V1605 — Left Front Armrest Damaged | 0 | No | more |
| V1606 — Right Front Armrest Damaged | 0 | No | more |
| V1607 — Left Front Glass Damaged | 0 | No | more |
| V1608 — Right Front Glass Damaged | 0 | No | more |
| V1609 — Left Rear Door Area Damaged | 0 | No | more |
| V1610 — Right Rear Door Area Damaged | 0 | No | more |
| V1611 — Left Rear Hardware Damaged | 0 | No | more |
| V1612 — Right Rear Hardware Damaged | 0 | No | more |
| V1613 — Left Rear Armrest Damaged | 0 | No | more |
| V1614 — Right Rear Armrest Damaged | 0 | No | more |
| V1615 — Left Rear Glass Damaged | 0 | No | more |
| V1616 — Right Rear Glass Damaged | 0 | No | more |
| V1617 — Left Roof Side Rail Damaged | 0 | No | more |

| | | | |
|---------------------------------------|---|----------------|----------------------|
| V1618 — Right Roof Side Rail Damaged | 0 | No | more |
| V1619 — Left B-pillar Damaged | 0 | No | more |
| V1620 — Right B-pillar Damaged | 0 | No | more |
| V1621 — Left C-pillar Damaged | 0 | No | more |
| V1622 — Right C-pillar Damaged | 0 | No | more |
| V1623 — Left D-pillar Damaged | 0 | No | more |
| V1624 — Right D-pillar Damaged | 0 | No | more |
| V1625 — Left Headlining Damaged | 0 | No | more |
| V1626 — Right Headlining Damaged | 0 | No | more |
| V1627 — Left Roof Structure Damaged | 0 | No | more |
| V1628 — Right Roof Structure Damaged | 0 | No | more |
| V1629 — Left T/Sun Roof Damaged | 8 | Not applicable | more |
| V1630 — Right T/Sun Roof Damaged | 8 | Not applicable | more |
| V1631 — Other Left Side Item Damaged | 8 | Not applicable | more |
| V1632 — Other Right Side Item Damaged | 8 | Not applicable | more |
| V1633 — Foot Controls Damaged | 0 | No | more |
| V1634 — Ignition Key Damaged | 0 | No | more |
| V1635 — Rear View Mirror Damaged | 0 | No | more |
| V1636 — Sunvisor/Fitting Damaged | 0 | No | more |
| V1637 — Windshield Molding Damaged | 0 | No | more |
| V1638 — Left A-pillar Damaged | 0 | No | more |
| V1639 — Right A-pillar Damaged | 0 | No | more |
| V1640 — Center Console Damaged | 0 | No | more |

| | | | |
|--|---|----------------------|----------------------|
| V1641 — Transmission Lever Damaged | 0 | No | more |
| V1642 — Horn/Spoke Shroud Damaged | 0 | No | more |
| V1643 — Upper Panel Damaged | 0 | No | more |
| V1644 — Mid Panel Damaged | 0 | No | more |
| V1645 — Lower Panel Damaged | 3 | No, occupant contact | more |
| V1646 — Ashtray Damaged | 0 | No | more |
| V1647 — Control Knob/Lever Damaged | 0 | No | more |
| V1648 — Glove Compartment Area Damaged | 0 | No | more |
| V1649 — Instruments Damaged | 0 | No | more |
| V1650 — Park Brake Release Damaged | 0 | No | more |
| V1651 — Park Brake Pedal Damaged | 0 | No | more |
| V1652 — A/C Or Upper Vent Damaged | 0 | No | more |
| V1653 — Heater Or A/C Duct Damaged | 0 | No | more |
| V1654 — Radio Damaged | 0 | No | more |
| V1655 — Other Item Damaged | 8 | Not applicable | more |
| V1656 — Rear Window Damaged | 0 | No | more |
| V1657 — Rear Window Header Damaged | 0 | No | more |
| V1658 — Vertical Console Damaged | 0 | No | more |
| V1659 — Roof Console Damaged | 1 | Yes | more |

Case Vehicle

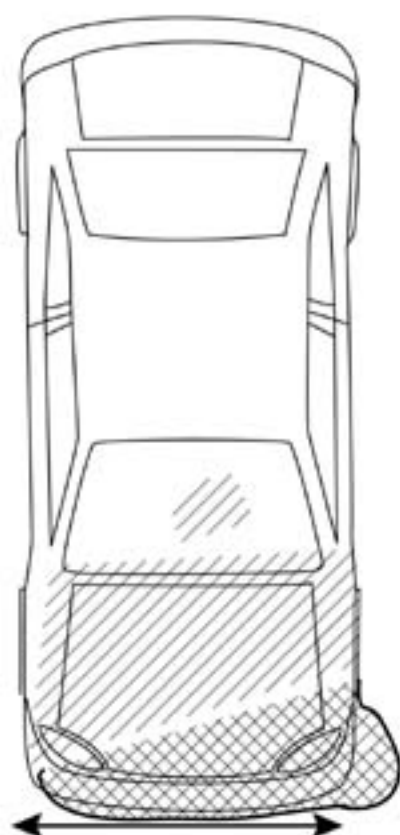
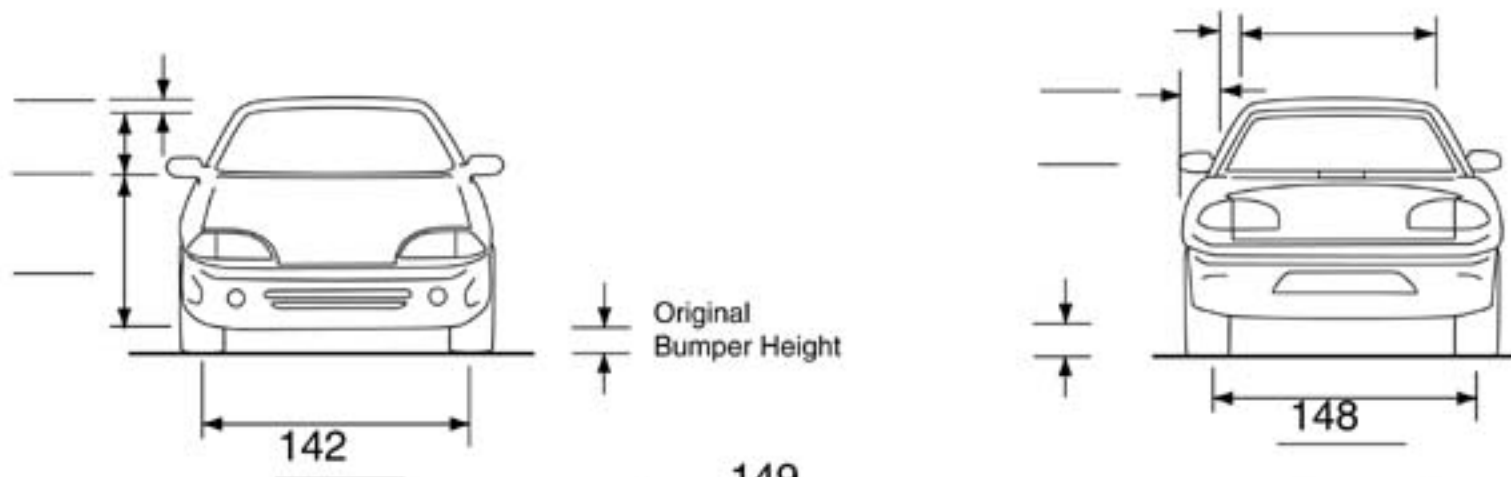
Seats

| Variable Number and Name | Code Value | Code Description | Other Options |
|--|------------|------------------|----------------------|
| V1701 — Driver Front Seat Type | 05 | Bucket | more |
| V1702 — Passenger Front Seat Type | 05 | Bucket | more |
| V1703 — Driver Seat Mount Type | 1 | Standard | more |
| V1704 — Passenger Seat Mount Type | 1 | Standard | more |
| V1705 — Driver Swivel Mechanism Equipped | 0 | No | more |
| V1706 — Passenger Swivel Mechanism Equipped | 0 | No | more |
| V1707 — Driver Seat Original Equipment | 1 | Yes | more |
| V1708 — Passenger Seat Original Equipment | 1 | Yes | more |
| V1709 — Driver Seat/Rear Occupant Contact | 8 | Not applicable | more |
| V1710 — Passenger Seat/Rear Occupant Contact | 8 | Not applicable | more |
| V1711 — Driver Seat Damage | 0 | None | more |
| V1712 — Passenger Seat Damage | 0 | None | more |
| V1713 — Center Front Armrest Damaged | 0 | No | more |
| V1714 — Driver Seat Rotation | 0 | None apparent | more |
| V1715 — Passenger Seat Rotation | 0 | None apparent | more |
| V1716 — Driver Seat-back Type | 3 | Reclining | more |
| V1717 — Passenger Seat-back Type | 3 | Reclining | more |
| V1718 — Driver Seat-back Lock Type | 1 | Manual | more |
| V1719 — Passenger Seat-back Lock Type | 1 | Manual | more |
| V1720 — Driver Seat-back Lock Held | 1 | Yes | more |

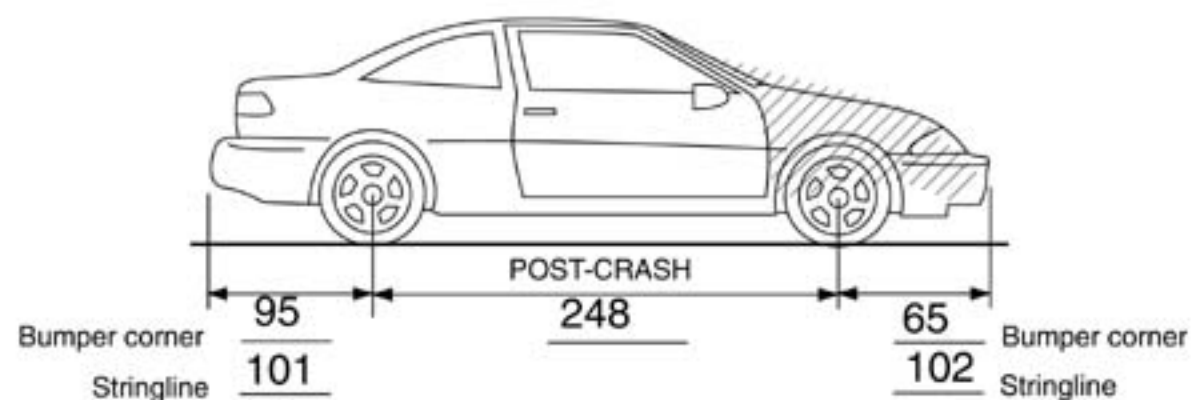
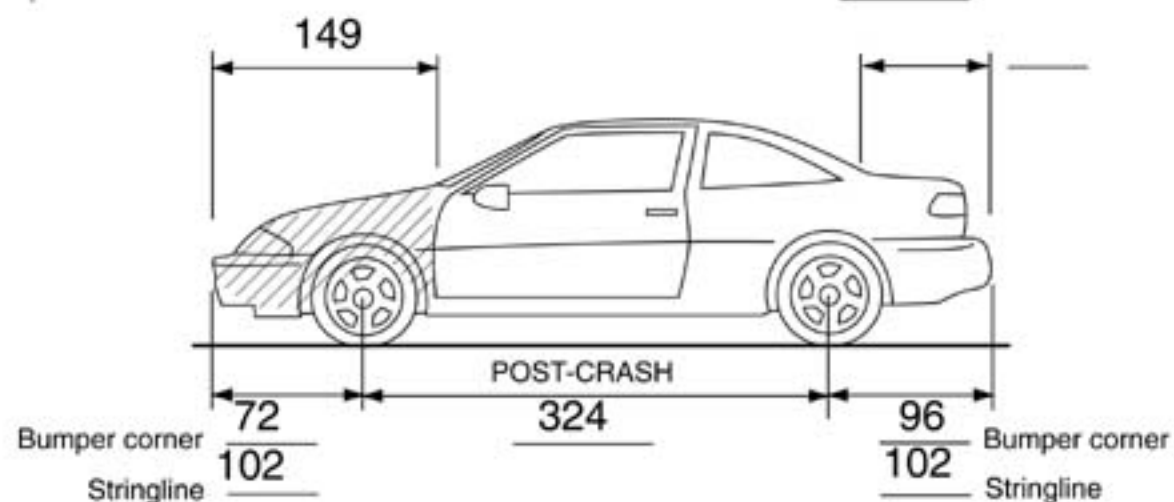
| | | | |
|--|---|----------------|----------------------|
| V1721 — Passenger Seat-back Lock Held | 1 | Yes | more |
| V1722 — Driver Recliner Mechanism Held | 1 | Yes | more |
| V1723 — Passenger Recliner Mechanism Held | 1 | Yes | more |
| V1724 — Driver Head Restraint Type | 1 | Adjustable | more |
| V1725 — Passenger Head Restraint Type | 1 | Adjustable | more |
| V1726 — Driver Head Rest Removed | 0 | No | more |
| V1727 — Passenger Head Rest Removed | 0 | No | more |
| V1728 — Driver Head Rest Adjustment | 2 | Down | more |
| V1729 — Passenger Head Rest Adjustment | 2 | Down | more |
| V1730 — Driver Head Rest Damage | 0 | None | more |
| V1731 — Passenger Head Rest Damage | 0 | None | more |
| V1732 — Driver Seat Adjustment Type | 1 | Manual | more |
| V1733 — Passenger Seat Adjustment Type | 1 | Manual | more |
| V1734 — Driver Seat Adjustment Provided | 1 | 2-way | more |
| V1735 — Passenger Seat Adjustment Provided | 1 | 2-way | more |
| V1736 — Driver Seat Adjuster Damage | 0 | None | more |
| V1737 — Passenger Seat Adjuster Damage | 0 | None | more |
| V1738 — Driver Seat Adjuster Separation | 8 | Not applicable | more |
| V1739 — Passenger Seat Adjuster Separation | 8 | Not applicable | more |
| V1740 — Driver Seat Pre-crash Position | 2 | Middle | more |
| V1741 — Passenger Seat Pre-crash Position | 3 | Rearward | more |
| V1742 — Left Rear Seat Type | 2 | Folding | more |
| V1743 — Right Rear Seat Type | 2 | Folding | more |
| V1744 — Left Rear Seat Damaged | 0 | None | more |

| | | | |
|--|---|------------------------------------|----------------------|
| V1745 — Right Rear Seat Damaged | 0 | None | more |
| V1746 — Center Rear Armrest Damaged | 8 | Not applicable (No Center Armrest) | more |
| V1747 — Left Rear Seat-back Left Lock Equipped | 1 | Yes | more |
| V1748 — Right Rear Seat-back Left Lock Equipped | 0 | No | more |
| V1749 — Left Rear Seat-back Left Lock Held | 1 | Yes | more |
| V1750 — Right Rear Seat-back Left Lock Held | 8 | Not applicable | more |
| V1751 — Left Rear Seat-back Right Lock Equipped | 0 | No | more |
| V1752 — Right Rear Seat-back Right Lock Equipped | 1 | Yes | more |
| V1753 — Left Rear Seat-back Right Lock Held | 8 | Not applicable | more |
| V1754 — Right Rear Seat-back Right Lock Held | 1 | Yes | more |
| V1755 — Left 3rd Seat Equipped | 0 | No | more |
| V1756 — Right 3rd Seat Equipped | 0 | No | more |
| V1757 — Left 3rd Seat Backrest Damaged | 8 | Not applicable | more |
| V1758 — Right 3rd Seat Backrest Damaged | 8 | Not applicable | more |
| V1759 — Left 3rd Seat Cushion Damaged | 8 | Not applicable | more |
| V1760 — Right 3rd Seat Cushion Damaged | 8 | Not applicable | more |
| V1761 — Rear Head Restraints | 1 | Equipped | more |

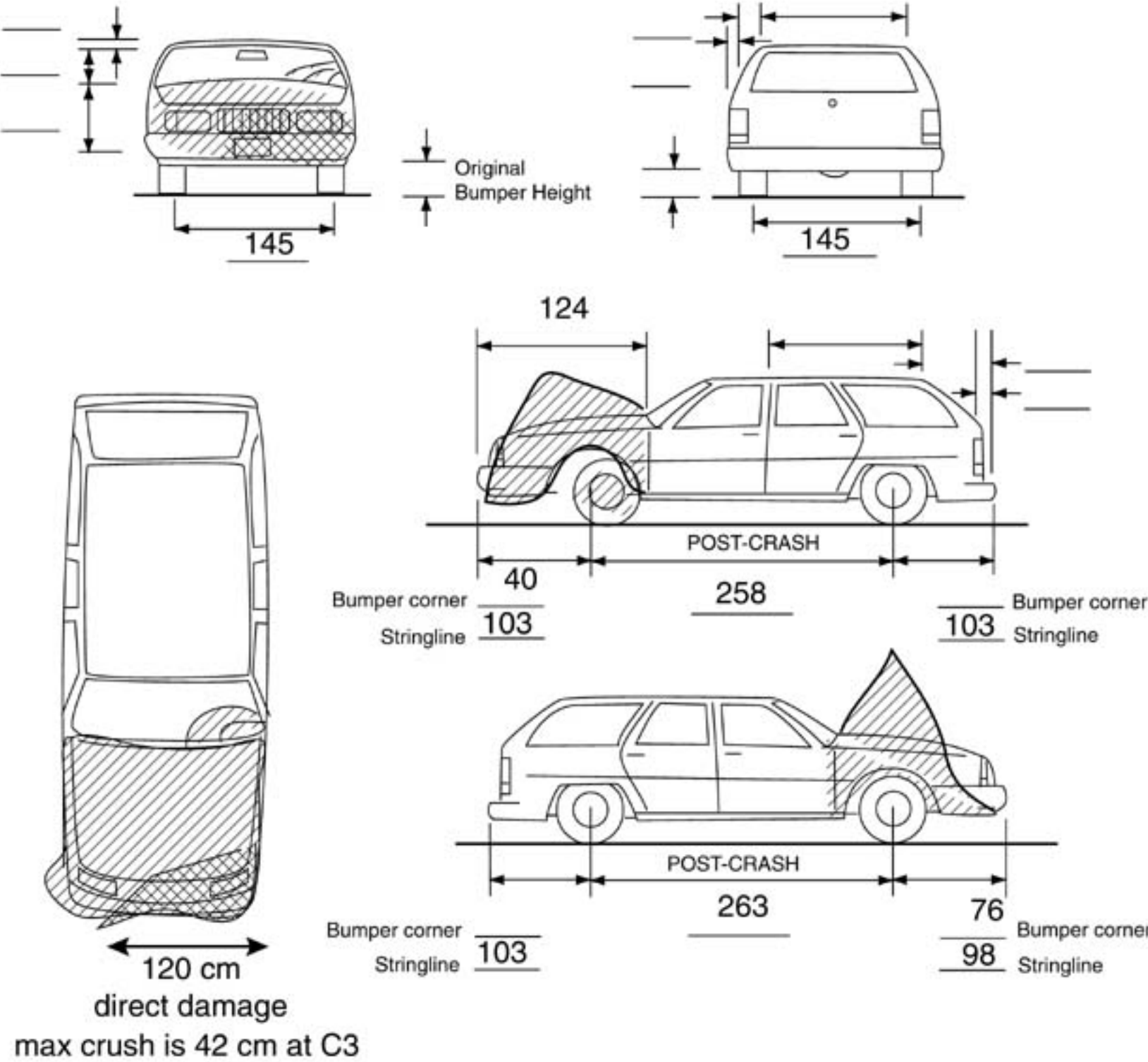
MEASUREMENTS IN CENTIMETERS



direct damage is 150
maximum crush is 27



MEASUREMENTS IN CENTIMETERS



WINDSHIELD MARK ON CASE VEHICLE:

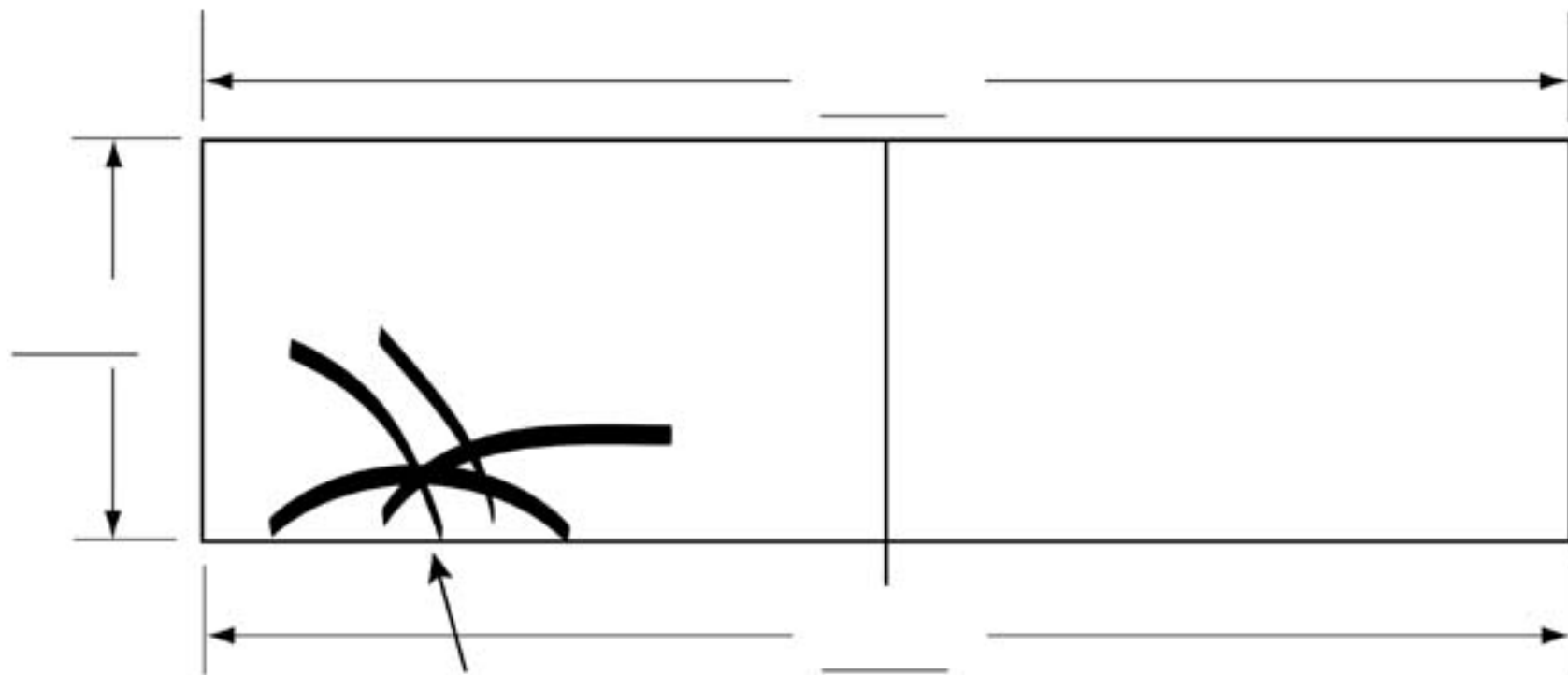


UNITED

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GLASS



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AS1 X C
ULN M 525
43R-001349



COWL DEFORMATION
CAUSED CRACK IN WINDSHIELD

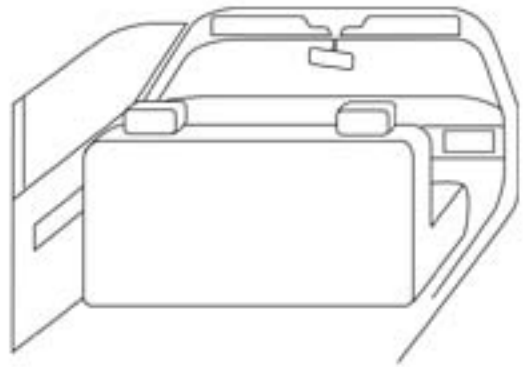
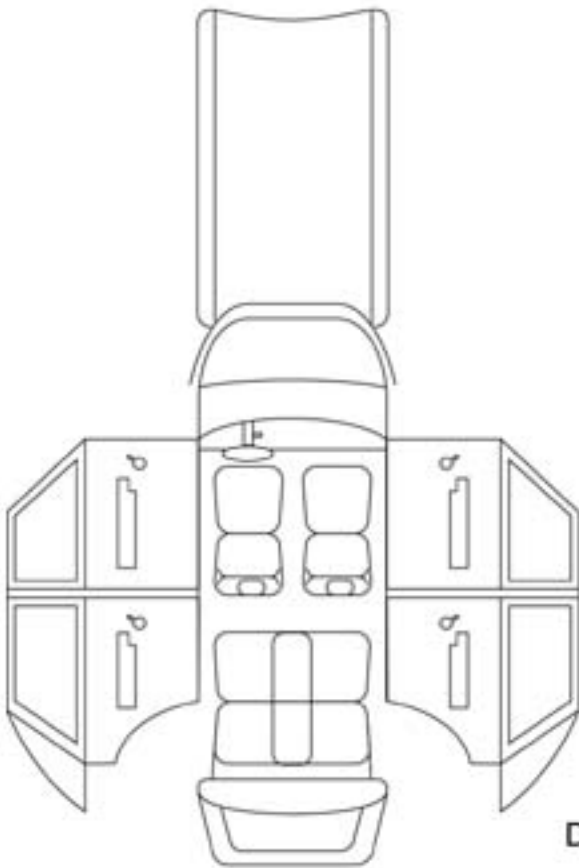
1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

| Location of Intrusion | Intruded Component | (All Measurements Are in Centimeters) | | | Dominant Crush Direction |
|-----------------------|--------------------|---------------------------------------|---|----------------------------|--------------------------|
| | | Comparison Value | – | Intruded Value = Intrusion | |
| | | | – | = | |
| | | | – | = | |
| | | | – | = | |
| | | | – | = | |
| | | | – | = | |
| | | | – | = | |
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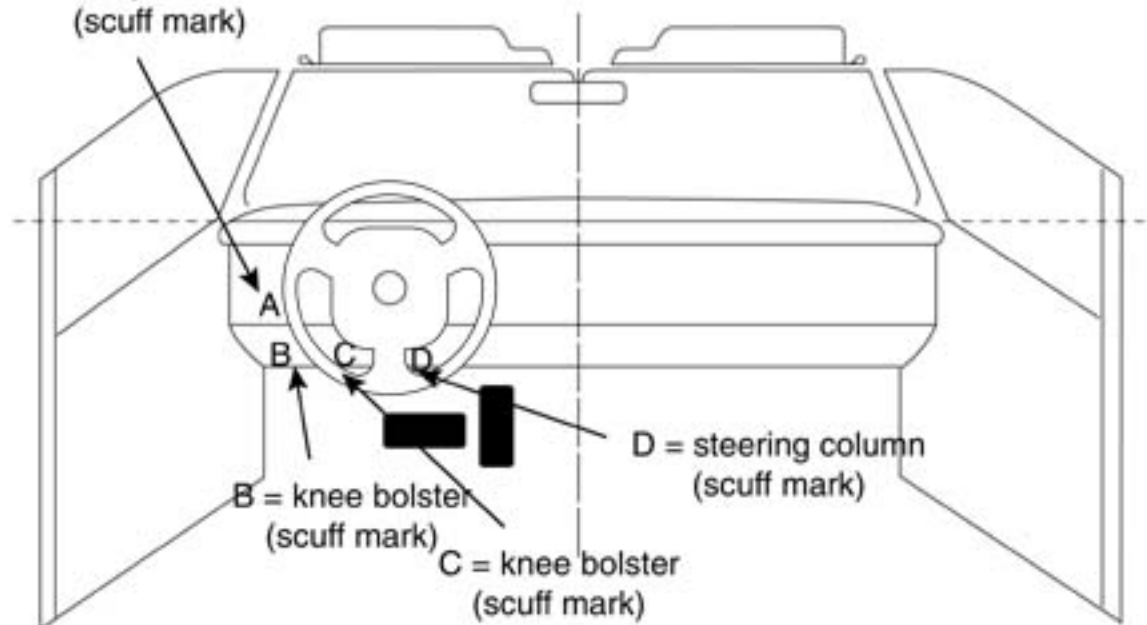
OCCUPANT CONTACT WORKSHEET

| Contact | Interior Component Contacted | Occupant No. if Known | Body Region if Known | Supporting Physical Evidence | Confidence Level of Contact Point |
|---------|------------------------------|-----------------------|----------------------|------------------------------|-----------------------------------|
| A | Mid IP | 1 | Knee | Scuff mark on left-center | 1 |
| B | Knee bolster | 1 | Knee | Scuff mark on left-center | 1 |
| C | Knee bolster | 1 | Knee | Scuff mark on center | 1 |
| D | Steering column | 1 | Knee | Scuff mark | 1 |
| E | | | | | |
| F | | | | | |
| G | | | | | |
| H | | | | | |



DR BELT: belt positioned high on B-pillar, marks on D-ring and shoulder-belt webbing

A = mid portion of IP
(scuff mark)



D = steering column
(scuff mark)

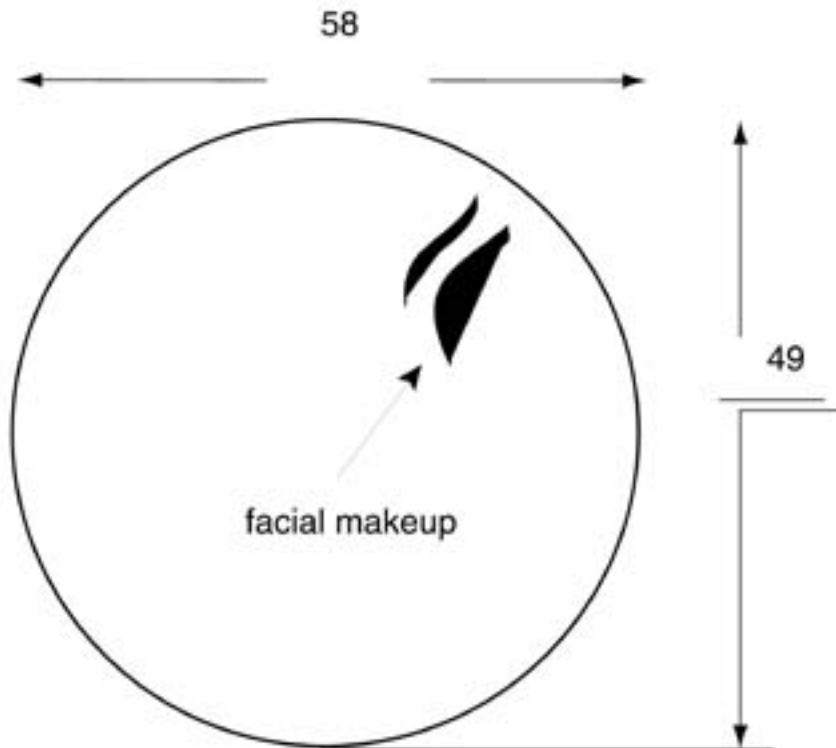
B = knee bolster
(scuff mark)

C = knee bolster
(scuff mark)

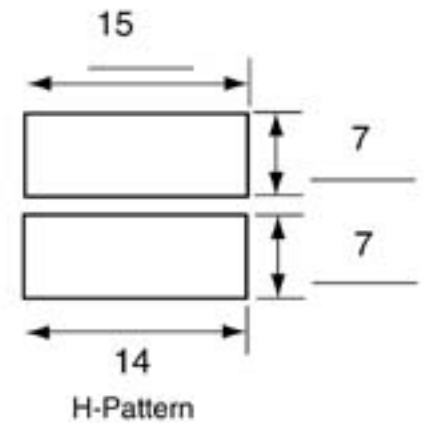
Driver Airbag

AIRBAG NUMBER ON DRIVER SIDE:

98212-AC B60
1ES29010114



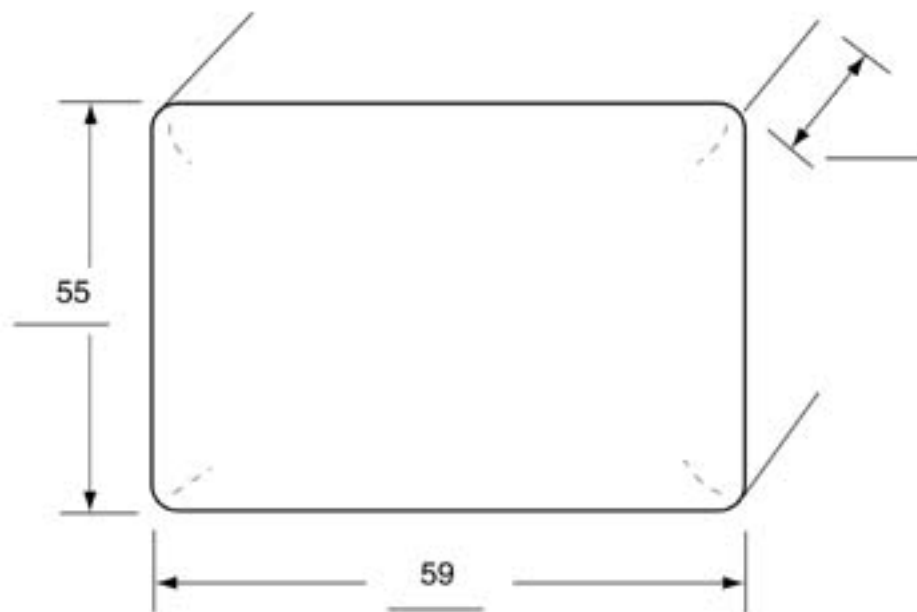
Driver Airbag Doors



Vents: ☒ Y ☐ N
if yes, how many: 2

Tethers: ☒ Y ☐ N
if yes, how many: 1

Passenger Airbag

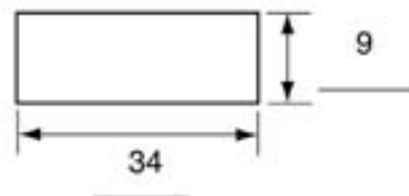


Vents: ☒ Y N
if yes, how many: 2

Tethers: Y ☒ N
if yes, how many: _____

Passenger Airbag Doors

Single Door



Case # 241: Occupant # 1; Injury # 1

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---------------------------|----------------------|
| V2101 — Injury Number | 01 | Injury #1 | more |
| V2102 — 1st Prob Contact Area | 87 | Air cushion skin "airbag" | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 06 | Face | more |
| V2105 — Primary OIC -aspect | 09 | Inferior/lower | more |
| V2106 — Primary OIC -lesion | 01 | Abrasion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | FIAI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 241: Occupant # 1; Injury # 2

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---------------------------|----------------------|
| V2101 — Injury Number | 02 | Injury #2 | more |
| V2102 — 1st Prob Contact Area | 34 | Restraint system webbing | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 03 | Chest | more |
| V2105 — Primary OIC -aspect | 12 | Left | more |
| V2106 — Primary OIC -lesion | 01 | Abrasion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | CLAI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 241: Occupant # 1; Injury # 3

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---------------------------|----------------------|
| V2101 — Injury Number | 03 | Injury #3 | more |
| V2102 — 1st Prob Contact Area | 34 | Restraint system webbing | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 03 | Chest | more |
| V2105 — Primary OIC -aspect | 12 | Left | more |
| V2106 — Primary OIC -lesion | 03 | Contusion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | CLCI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 241: Occupant # 1; Injury # 4

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|-------------------------|----------------------|
| V2101 — Injury Number | 04 | Injury #4 | more |
| V2102 — 1st Prob Contact Area | 56 | Lower instrument panel | more |
| V2103 — 2nd Prob Contact Area | 55 | Middle instrument panel | more |
| V2104 — Primary OIC -body Region | 11 | Knee | more |
| V2105 — Primary OIC -aspect | 12 | Left | more |
| V2106 — Primary OIC -lesion | 03 | Contusion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | KLCI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 241: Occupant # 1; Injury # 5

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|-------------------------|----------------------|
| V2101 — Injury Number | 05 | Injury #5 | more |
| V2102 — 1st Prob Contact Area | 56 | Lower instrument panel | more |
| V2103 — 2nd Prob Contact Area | 55 | Middle instrument panel | more |
| V2104 — Primary OIC -body Region | 11 | Knee | more |
| V2105 — Primary OIC -aspect | 12 | Left | more |
| V2106 — Primary OIC -lesion | 01 | Abrasion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | KLAI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 241: Occupant # 1; Injury # 6

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|------------------------|----------------------|
| V2101 — Injury Number | 06 | Injury #6 | more |
| V2102 — 1st Prob Contact Area | 56 | Lower instrument panel | more |
| V2103 — 2nd Prob Contact Area | 66 | Steering wheel column | more |
| V2104 — Primary OIC -body Region | 11 | Knee | more |
| V2105 — Primary OIC -aspect | 18 | Right | more |
| V2106 — Primary OIC -lesion | 01 | Abrasion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | KRAI 1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 241: Occupant # 1; Injury # 7

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|------------------------|----------------------|
| V2101 — Injury Number | 07 | Injury #7 | more |
| V2102 — 1st Prob Contact Area | 56 | Lower instrument panel | more |
| V2103 — 2nd Prob Contact Area | 66 | Steering wheel column | more |
| V2104 — Primary OIC -body Region | 11 | Knee | more |
| V2105 — Primary OIC -aspect | 18 | Right | more |
| V2106 — Primary OIC -lesion | 03 | Contusion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | KRCI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 241: Occupant # 1; Injury # 8

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---|----------------------|
| V2101 — Injury Number | 08 | Injury #8 | more |
| V2102 — 1st Prob Contact Area | 28 | Foot controls (including parking brake pedal) | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 17 | Ankle/foot | more |
| V2105 — Primary OIC -aspect | 18 | Right | more |
| V2106 — Primary OIC -lesion | 03 | Contusion | more |
| V2107 — Primary OIC -system/Organ | 09 | Integumentary | more |
| V2108 — Primary OIC -severity | 1 | Minor | more |
| V2109 — Primary OIC | QRCI1 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

Case # 241: Occupant # 1; Injury # 9

| Variable Number and Name | Code Value | Code Description | Other Options |
|-----------------------------------|------------|---|----------------------|
| V2101 — Injury Number | 09 | Injury #9 | more |
| V2102 — 1st Prob Contact Area | 28 | Foot controls (including parking brake pedal) | more |
| V2103 — 2nd Prob Contact Area | 00 | No Contact/not applicable | more |
| V2104 — Primary OIC -body Region | 17 | Ankle/foot | more |
| V2105 — Primary OIC -aspect | 18 | Right | more |
| V2106 — Primary OIC -lesion | 06 | Fracture | more |
| V2107 — Primary OIC -system/Organ | 19 | Skeletal | more |
| V2108 — Primary OIC -severity | 2 | Moderate | more |
| V2109 — Primary OIC | QRFS2 | — | — |
| V2110 — Assoc OIC 1 -body Region | 99 | No injury | more |
| V2111 — Assoc OIC 1 -aspect | 99 | No injury | more |
| V2112 — Assoc OIC 1 -lesion | 99 | No injury | more |
| V2113 — Assoc OIC 1 -system/Organ | 99 | No injury | more |
| V2114 — Assoc OIC 1 -severity | 9 | Unknown | more |
| V2115 — Assoc OIC 1 | — | — | — |

















































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